PTO/SB/08A (10-96)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of 2

Complete if Known **Application Number** 09/832,603 04/11/2001 **Filing Date** First Named Inventor **Group Art Unit Examiner Name** D - 5045Attorney Docket Number

			U.S. PATENT DOC	IMENTS	
Examiner Initials*	No.1	U.S. Patent Document  Number  Kind Cod  (if known	Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1/2		5,249,120	Foley	09-28-1993	- Inguies Aupean
2/2		5.063.506	Brockwell et al	11-05-1991	
UIC		5,570,291	Dudle et al	10-29-1996	
112		5, 765, 137	Lee	06-09-1998	
44		5,970,476	Fahey	10-19-1999	
250		5,960,417	Pan et al	09-28-1999	
4		5,793,632	rad et al	08-77-7998	
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Examiner Date Signature Considered

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Complete if Known							
Application Number	09/832,603						
Filing Date	04/11/2001						
First Named Inventor	Cooney						
Group Art Unit							
Examiner Name							

Attorney Docket Number | D-5045

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of
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Complete if Known						
Application Number	09/832,603					
Filing Date	4/11/01					
First Named Inventor	Cooney, et al.					
Group Art Unit	2161					
Examiner Name						
Attorney Docket Number	D5045					

				U.S. PATENT DOCU	JMENTS	
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er		5,063,500		Brockwell, et al.	11/15/1991	- Ouplicate
DEC	,	5,249,12		Foley	09/28/1993	
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						Technology Center 2100
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Initials	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	Τe
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